

# CARBON FILTER LX

LX DIAMOND LINE



## LANCASTER WATER TREATMENT

*Est. 1942*

### Prevent Color, Taste and Odor

Carbon Filters treat water to reduce color, taste, and smell altering contaminants. As a result, your water will be odorless, look clear, and taste fresh for the enjoyment of your whole family.

### Availability in Standard & Estate Models

We understand that homes come in all shapes and sizes. To ensure that we provide you with the best fit for your home, we offer our filters in 1" and 1.25" options, not limiting water flow rates and lowering the overall regeneration time.

### Chemical Free Water Filtration

Utilizing physical filtering media to collect water contaminates rather than using chemicals to alter the contaminants within the water allows the system to provide your home with safe and healthy water.



**EASY  
SET-UP**



**REDUCED  
WATER USAGE**  
WITH PLATED TANK TECHNOLOGY



**LOW  
MAINTENANCE**



**ADVANCED  
DIAGNOSTICS**

# CARBON FILTERS

BRINGING YOU ADVANCED TECHNOLOGY AND ENHANCED PERFORMANCE, OUR DIAMOND LINE CARBON FILTER PROVIDES YOUR FAMILY WITH WATER FREE OF CONTAMINANTS THAT NEGATIVELY IMPACT ITS COLOR TASTE AND ODOR.

## HOW IT WORKS:

1. Untreated water enters the LX Diamond Line Carbon Filter and flows through the media.
2. The media's porous surface captures organic molecules
3. Treated water enters your home free of color, taste, and odor altering organics.
4. The LX Diamond Line Carbon Filter will calculate the appropriate time to backwash, keeping the media clean and loosely packed, so that it can continue to remove contaminants to incoming water.



MODEL NUMBER	SERVICE FLOW RATE (GPM)	BACKWASH (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)	CU. FT.	TREATMENT
7-LXCT-1B	5.5	5.3	1	54	1	Remove organic chemicals
7-LXCT-2B	9.2	10	1	58	2	
7-LXCT-3B	10.7	10	1	65	3	Remove color, taste, and odor problems
7-LXI25F-CT-2	9.2	10	1.25	58	2	Removes chlorine and chloramine (CAT-HAC) residuals
7-LXI25F-CT-3	10.7	10	1.25	75	3	
7-LXI25F-CT-4	14.0	15	1.25	75	4	

\*Height for estimating purposes

### Operating Parameters:

PH	Wide range
TEMPERATURE	Min. 35°F - Max. 100°F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	For best results, the mineral should be soaked in water for 24 hours prior to backwashing. Upon installation, backwash to remove carbon fines before placing into service. Other equipment may be needed based on water quality.